~6330854
SEQUENCE LISTING

<110>   Glaxo Group Limited

<120>   Animal Models

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<140>   PCT/EP03/07939
<141>   2003-07-17

<160>   20

<170>   PatentIn version 3.1

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<213> Homo sapiens

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ctgagcaatg tgcaagaaga tagccaacca atgtgctatt caaactgccc tgatgggcag    180

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<210> 4

<211> 532

<212> PRT

<213> Homo sapiens

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            20   25   30

Pro Ser Lys Val Ile Leu Pro Arg Gly Gly Ser Val Leu Val Thr Cys
        35   40   45

Ser Thr Ser Cys Asp Gln Pro Lys Leu Leu Gly Ile Glu Thr Pro Leu
        50   55   60

Pro Lys Lys Glu Leu Leu Leu Pro Gly Asn Asn Arg Lys Val Tyr Glu
65   70   75   80

Leu Ser Asn Val Gln Glu Asp Ser Gln Pro Met Cys Tyr Ser Asn Cys
                85   90   95

Pro Asp Gly Gln Ser Thr Ala Lys Thr Phe Leu Thr Val Tyr Trp Thr
            100   105   110

Pro Glu Arg Val Glu Leu Ala Pro Leu Pro Ser Trp Gln Pro Val Gly
        115   120   125

Lys Asn Leu Thr Leu Arg Cys Gln Val Glu Gly Gly Ala Pro Arg Ala
    130   135   140

Asn Leu Thr Val Val Leu Leu Arg Gly Glu Lys Glu Leu Lys Arg Glu
145   150   155   .   160

Pro Ala Val Gly Glu Pro Ala Glu Val Thr Thr Thr Val Leu Val Arg
            165   170   175

Arg Asp His His Gly Ala Asn Phe Ser Cys Arg Thr Glu Leu Asp Leu
            180   185   190

Arg Pro Gln Gly Leu Glu Leu Phe Glu Asn Thr Ser Ala Pro Tyr Gln
        195   200   205

Leu Gln Thr Phe Val Leu Pro Ala Thr Pro Pro Gln Leu Val Ser Pro
    210   215   220

Arg Val Leu Glu Val Asp Thr Gln Gly Thr Val Val Cys Ser Leu Asp
225   230   235   240

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Gly Leu Phe Pro Val Ser Glu Ala Gln Val His Leu Ala Leu Gly Asp
                    245   250   255

Gln Arg Leu Asn Pro Thr Val Thr Tyr Gly Asn Asp Ser Phe Ser Ala
                260   265   270

Lys Ala Ser Val Ser Val Thr Ala Glu Asp Glu Gly Thr Gln Arg Leu
            275   280   285

Thr Cys Ala Val Ile Leu Gly Asn Gln Ser Gln Glu Thr Leu Gln Thr
    290   295   300

Val Thr Ile Tyr Ser Phe Pro Ala Pro Asn Val Ile Leu Thr Lys Pro
305   310   315   320

Glu Val Ser Glu Gly Thr Glu Val Thr Val Lys Cys Glu Ala His Pro
            325   330   335

Arg Ala Lys Val Thr Leu Asn Gly Val Pro Ala Gln Pro Leu Gly Pro
            340   345   350

Arg Ala Gln Leu Leu Leu Lys Ala Thr Pro Glu Asp Asn Gly Arg Ser
            355   360   365

Phe Ser Cys Ser Ala Thr Leu Glu Val Ala Gly Gln Leu Ile His Lys
    370   375   380

Asn Gln Thr Arg Glu Leu Arg Val Leu Tyr Gly Pro Arg Leu Asp Glu
385   390   395   400

Arg Asp Cys Pro Gly Asn Trp Thr Trp Pro Glu Asn Ser Gln Gln Thr
            405   410   415

Pro Met Cys Gln Ala Trp Gly Asn Pro Leu Pro Glu Leu Lys Cys Leu
            420   425   430

Lys Asp Gly Thr Phe Pro Leu Pro Ile Gly Glu Ser Val Thr Val Thr
            435   440   445

Arg Asp Leu Glu Gly Thr Tyr Leu Cys Arg Ala Arg Ser Thr Gln Gly
    450   455   460

Glu Val Thr Arg Glu Val Thr Val Asn Val Leu Ser Pro Arg Tyr Glu
465   470   475   480

Ile Val Ile Ile Thr Val Val Ala Ala Ala Val Ile Met Gly Thr Ala

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Gly Leu Ser Thr Tyr Leu Tyr Asn Arg Gln Arg Lys Ile Lys Lys Tyr
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            515   520   525

Ala Thr Pro Pro
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<210> 5

<211> 63

<212> PRT

<213> Homo sapiens

<400> 5

Gly Gly Ser Val Leu Val Thr Cys Ser Thr Ser Cys Asp Gln Pro Lys
1   5   10   15

Leu Leu Gly Ile Glu Thr Pro Leu Pro Lys Lys Glu Leu Leu Leu Pro
            20   25   30

Gly Asn Asn Arg Lys Val Tyr Glu Leu Ser Asn Val Gln Glu Asp Ser
        35   40   45

Gln Pro Met Cys Tyr Ser Asn Cys Pro Asp Gly Gln Ser Thr Ala
    50   55   60

<210> 6

<211> 66

<212> PRT

<213> Homo sapiens

<400> 6

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            20   25   30

Glu Pro Ala Val Gly Glu Pro Ala Glu Val Thr Thr Thr Val Leu Val
       35   40   45

Arg Arg Asp His His Gly Ala Asn Phe Ser Cys Arg Thr Glu Leu Asp
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Leu Arg
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<211> 1614

<212> DNA

<213> Mus sp.

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<211> 204

<212> DNA

<213> Mus sp.

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<211> 162

<212> DNA

<213> Mus sp.

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<211> 159

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<213> Mus sp.

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<211> 68

<212> PRT

<213> Mus sp.

<400> 11

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Glu Ser Thr Asn Ser Ser Asp Ser Val Ser Ala Thr Ala Leu Val Glu
        35   40   45

Val Thr Glu Glu Phe Asp Arg Thr Leu Pro Leu Arg Cys Val Leu Glu
    50   55   60

Leu Ala Asp Gln
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<210> 12

<211> 54

<212> PRT

<213> Mus sp.

<400> 12

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1   5   10   15

Val Leu Leu Ser Gly Val Glu Pro Arg Pro Pro Thr Pro Gln Val Gln
            20   25   30

Phe Thr Leu Asn Ala Ser Ser Glu Asp His Lys Arg Ser Phe Phe Cys
        35   40   45

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Ser Ala Ala Leu Glu Val
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<210> 13

<211> 53

<212> PRT

<213> Mus sp.

<400> 13

Glu Gly Ser Gln Gln Thr Leu Lys Cys Gln Ala Trp Gly Asn Pro Ser
1   5   10   15

Pro Lys Met Thr Cys Arg Arg Lys Ala Asp Gly Ala Leu Leu Pro Ile
           20   25   30

Gly Val Val Lys Ser Val Lys Gln Glu Met Asn Gly Thr Tyr Val Cys
      35   40   45

His Ala Phe Ser Ser
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<210> 14

<211> 1608

<212> DNA

<213> Artificial sequence

<220>

<223> DNA encoding a human/mouse chimaeric ICAM-1 polypeptide

<400> 14

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<210> 15

<211> 535

<212> PRT

<213> Artificial sequence

<220>

<223> Amino acid sequence of a human/mouse chimaeric ICAM-1 polypeptide

<400> 15

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                20              25              30
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Pro Ser Lys Val Ile Leu Pro Arg Gly Gly Ser Val Leu Val Thr Cys
      35   40   45

Ser Thr Ser Cys Asp Gln Pro Lys Leu Leu Gly Ile Glu Thr Pro Leu
     50   55   60

Pro Lys Lys Glu Leu Leu Leu Pro Gly Asn Asn Arg Lys Val Tyr Glu
65   70   75   80

Leu Ser Asn Val Gln Glu Asp Ser Gln Pro Met Cys Tyr Ser Asn Cys
           85   90   95

Pro Asp Gly Gln Ser Thr Ala Lys Thr Phe Leu Thr Val Tyr Trp Thr
         100   105   110

Pro Glu Arg Val Glu Leu Ala Pro Leu Pro Ser Trp Gln Pro Val Gly
       115   120   125

Lys Asn Leu Thr Leu Arg Cys Gln Val Glu Gly Gly Ala Pro Arg Ala
    130   135   140

Asn Leu Thr Val Val Leu Leu Arg Gly Glu Lys Glu Leu Lys Arg Glu
145   150   155   160

Pro Ala Val Gly Glu Pro Ala Glu Val Thr Thr Thr Val Leu Val Arg
         165   170   175

Arg Asp His His Gly Ala Asn Phe Ser Cys Arg Thr Glu Leu Asp Leu
         180   185   190

Arg Pro Gln Gly Leu Ala Leu Phe Ser Asn Val Ser Glu Ala Arg Ser
       195   200   205

Leu Arg Thr Phe Asp Leu Pro Ala Thr Ile Pro Lys Leu Asp Thr Pro
    210   215   220

Asp Leu Leu Glu Val Gly Thr Gln Gln Lys Leu Phe Cys Ser Leu Glu
225   230   235   240

Gly Leu Phe Pro Ala Ser Glu Ala Arg Ile Tyr Leu Glu Leu Gly Gly
         245   250   255

Gln Met Pro Thr Gln Glu Ser Thr Asn Ser Ser Asp Ser Val Ser Ala
         260   265   270

Thr Ala Leu Val Glu Val Thr Glu Glu Phe Asp Arg Thr Leu Pro Leu
       275   280   285

Arg Cys Val Leu Glu Leu Ala Asp Gln Ile Leu Glu Thr Gln Arg Thr
    290   295   300

Leu Thr Val Tyr Asn Phe Ser Ala Pro Val Leu Thr Leu Ser Gln Leu
305   310   315   320

Glu Val Ser Glu Gly Ser Gln Val Thr Val Lys Cys Glu Ala His Ser
            325   330   335

Gly Ser Lys Val Val Leu Leu Ser Gly Val Glu Pro Arg Pro Pro Thr
            340   345   350

Pro Gln Val Gln Phe Thr Leu Asn Ala Ser Ser Glu Asp His Lys Arg
        355   360   365

Ser Phe Phe Cys Ser Ala Ala Leu Glu Val Ala Gly Lys Phe Leu Phe
        370   375   380

Lys Asn Gln Thr Leu Glu Leu His Val Leu Tyr Gly Pro Arg Leu Asp
385   390   395   400

Glu Thr Asp Cys Leu Gly Asn Trp Thr Trp Gln Glu Gly Ser Gln Gln
            405   410   415

Thr Leu Lys Cys Gln Ala Trp Gly Asn Pro Ser Pro Lys Met Thr Cys
            420   425   430

Arg Arg Lys Ala Asp Gly Ala Leu Leu Pro Ile Gly Val Val Lys Ser
        435   440   445

Val Lys Gln Glu Met Asn Gly Thr Tyr Val Cys His Ala Phe Ser Ser
        450   455   460

His Gly Asn Val Thr Arg Asn Val Tyr Leu Thr Val Leu Tyr His Ser
465   470   475   480

Gln Asn Asn Trp Thr Ile Ile Ile Leu Val Pro Val Leu Leu Val Ile
            485   490   495

Val Gly Leu Val Met Ala Ala Ser Tyr Val Tyr Asn Arg Gln Arg Lys
            500   505   510

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Lys Gly Gln Ala Pro Pro Pro

530   535

<210> 16

<211> 2602

<212> DNA

<213> Rattus sp.

<400> 16

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atccatccca cagaagcctt cctgcctcgg ggtggatccg tgcaggtgaa ctgctcttcc    180

tcttgcgaag acgagaacct cggcctgggg ttggagacta actggatgaa agacgaacta    240

tcgagtggac acaactggaa gctcttcaag ctgagcgaca ttggggaaga cagcagacca    300

ctgtgctttg agaactgtgg caccacgcag tcctcggctt ctgccaccat cactgtgtat    360

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